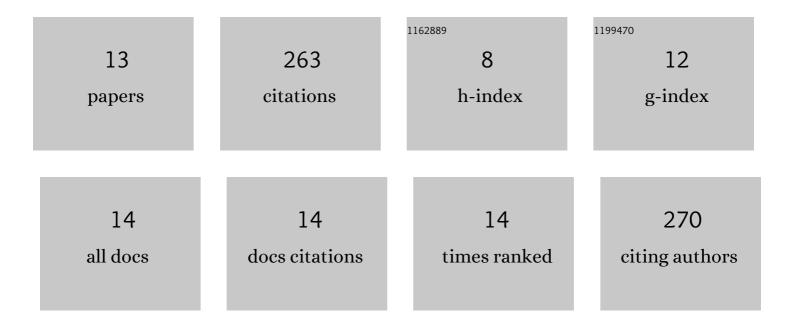
Sushobhan Pradhan

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/5501131/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Production, ultrasonic extraction, and characterization of poly (3â€hydroxybutyrate) (PHB) using <scp><i>Bacillus megaterium</i></scp> and <i>Cupriavidus necator</i> . Polymers for Advanced Technologies, 2018, 29, 2392-2400.	1.6	82
2	Microbial production, ultrasound-assisted extraction and characterization of biopolymer polyhydroxybutyrate (PHB) from terrestrial (P. hysterophorus) and aquatic (E. crassipes) invasive weeds. Bioresource Technology, 2017, 242, 304-310.	4.8	81
3	Production, Characterization, and Applications of Biodegradable Polymer: Polyhydroxyalkanoates. Materials Horizons, 2020, , 51-94.	0.3	15
4	A semi-experimental procedure for the estimation of permeability of microfluidic pore network. MethodsX, 2019, 6, 704-713.	0.7	13
5	A parametric study of layer-by-layer deposition of CaCO3 on glass surfaces towards fabricating carbonate reservoirs on microfluidic chips. Journal of Petroleum Science and Engineering, 2021, 198, 108231.	2.1	13
6	Influence of wettability on pressure-driven bubble nucleation: A potential method for dissolved gas separation. Separation and Purification Technology, 2019, 217, 31-39.	3.9	12
7	Effect of crushing on near-gravity material distribution in different size fractions of an Indian non-coking coal. Journal of the South African Institute of Mining and Metallurgy, 2016, 116, .	0.5	11
8	A method to perform float-and-sink test for separation of coal samples of various densities and determination of â€~Probable Error' and â€~Imperfection'. IOP SciNotes, 2020, 1, 024403.	0.4	6
9	Mechanistic investigation in ultrasoundâ€assisted interesterification using nonâ€edible oil blends and heterogeneous catalyst. Asia-Pacific Journal of Chemical Engineering, 2021, 16, e2638.	0.8	5
10	Assessment of farm-level biodiesel unit—a potential alternative for sustainable future. , 2022, , 377-396.		4
11	An Analytical Method to Estimate Supersaturation in Gas–Liquid Systems as a Function of Pressure-Reduction Step and Waiting Time. Eng, 2022, 3, 116-123.	1.2	4
12	Microbial biodiesel: a comprehensive study toward sustainable biofuel production. , 2022, , 353-375.		1
13	Effect of Wettability on Vacuum-Driven Bubble Nucleation. Processes, 2022, 10, 1073.	1.3	1